Index of Claims

| Application | No. | - |  |
|-------------|-----|---|--|
|             |     |   |  |

09/420,719 Examiner MIYASHITA ET AL.

Art Unit

Applicant(s)

Kartic Padmanabhan

1641

| <b>√</b> | Rejected |
|----------|----------|
| =        | Allowed  |

| - | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| _ | Interference |

| Α | Appeal   |
|---|----------|
| 0 | Objected |

| Cla              | im       |  | Date   |              |                                     |                 |              |              | Cla             | Date |  |          |  |                |          | С         | laim     | Date    |         |   |        |       |          |                     |           |          |          |           |          |          |          |               |
|------------------|----------|--|--|--------------|-------------------------------------|-----------------|--------------|--------------|-----------------|------|--|----------|--|----------------|----------|-----------|----------|---------|---------|---|--------|-------|----------|---------------------|-----------|----------|----------|-----------|----------|----------|----------|---------------|
|                  |          | _  |  |              |                                     |                 |              |              |                 |      |  |          |  | T              |          |           |          |         |         |   |        |       |          |                     |           | П        |          |           |          |          |          |               |
| <u></u>          | Original | 11/10/04   |  |              |                                     |                 |              |              |                 |      | <u>7</u>   | Original |  |                |          |           |          |         | ŀ       |   |        | 7     | Original |                     |           |          |          | - 1       |          |          |          | .             |
| Final            | ήġ       | 15   |  |              |                                     |                 |              |              |                 |      | Final  | ij       |  |                |          |           |          |         | ł       |   |        | Final | j.       |                     |           | - 1      |          | - 1       |          | ١        |          |               |
| "                | ō        | =  |  |              |                                     |                 |              |              |                 |      | -  | 0        | ŀ  |                |          |           |          |         | ŀ       |   |        |       | 0        |                     |           |          |          |           |          |          |          | . 1           |
| -                | 1        | -  |  |              |                                     | $\vdash$        |              |              |                 |      |  | 51       |  | $\dashv$       | ╅        | +         | -+       | +       | +       | +-                                      |        |       | 101      | $\vdash$            |           | $\dashv$ |          | $\dashv$  | $\dashv$ | $\dashv$ |          | $\overline{}$ |
|                  |          | H  |  | -            | -                                   | -               |              | $\vdash$     |                 |      | <del></del>                                      | 52       | $\vdash$   |                | +        | +         | +        |         | ╁       | +-                                      | 113115 |       | 102      | $\vdash$            | +         | $\dashv$ | -+       | $\dashv$  | $\dashv$ | $\dashv$ |          | $\overline{}$ |
|                  | 2        | _  |  |              |                                     | -               |              |              |                 | _    |  | 52       | ⊢⊦   | -+             | +        | +         | +        | -       | ╁       |   |        |       | 103      |                     | $\dashv$  | -+       | +        | $\dashv$  | $\dashv$ | $\dashv$ | $\dashv$ | -             |
|                  | 3        | <u> </u>   |  |              |                                     | $\vdash$        |              |              |                 | _    |  | 53       | $\vdash$   |                | $\dashv$ | +         |          | +       | +       |   |        |       |          | $\vdash$            | $\dashv$  | -+       | $\dashv$ | -+        |          | -        | $\dashv$ | $\vdash$      |
|                  | 4        | _  |  |              |                                     | Щ               | _            |              |                 |      |  | 54       | ⊢⊦   | _              | 4        | 4         | +        | _       | +       | -                                       |        |       | 104      | $\vdash$            | $\dashv$  | $\dashv$ | $\dashv$ | $\dashv$  | $\dashv$ |          |          | $\vdash$      |
|                  | _5       | L  |  |              |                                     |                 |              |              |                 |      |  | 55       |  |                | 4        | 4         | 4        | -       | $\perp$ | $\bot$                                  |        |       | 105      |                     |           | -        | 4        | $\dashv$  | $\dashv$ |          |          | $\vdash$      |
|                  | 6        | L  |  |              |                                     |                 |              |              |                 |      |  | 56       | $\sqcup$   |                | _ .      |           | _        | _       | +       | _                                       |        |       | 106      | $\sqcup$            | _         | 4        | _        | _         | $\Box$   |          | _        |               |
|                  | 7        |  |  |              |                                     | Ш               |              |              |                 |      |  | 57       | Ш  |                |          | _         | _        | _       | _       |   |        |       | 107      | $\sqcup$            | $\dashv$  | $\dashv$ | $\dashv$ | _         |          |          | _        |               |
|                  | 8        |  |  |              |                                     |                 |              |              |                 |      |  | 58       |  |                | $\perp$  |           | $\perp$  | ╧       |         |   |        |       | 108      |                     | _         |          |          | _         | _        |          | _        |               |
|                  | 9        |  |  |              |                                     |                 |              |              |                 |      |  | 59       |  |                | $\perp$  |           |          |         | $\perp$ |   |        |       | 109      |                     |           |          |          | $\Box$    |          |          | _        |               |
|                  | 10       |  |  |              |                                     |                 |              |              |                 |      |  | 60       |  | -              |          |           |          |         |         |   |        |       | 110      |                     |           |          |          |           |          |          |          |               |
|                  | 11       |  |  |              |                                     |                 |              |              |                 |      |  | 61       |  |                | П        |           |          |         | Т       |   |        |       | 111      |                     | $\neg$    |          |          |           |          |          | $\neg$   |               |
|                  | 12       | 1  | П  | П            |                                     |                 |              |              |                 |      |  | 62       |  | $\neg$         | $\dashv$ | T         | 十        |         | $\top$  |   |        |       | 112      |                     | $\neg$    | $\top$   | T        | $\neg$    |          |          | ヿ        | П             |
| <b></b>          | 13       |  |  |              |                                     | П               | $\vdash$     |              | П               | _    | l  | 63       | $\sqcap$   | 1              | $\top$   |           | _        | 1       | $\top$  | $\top$                                  |        |       | 113      |                     | 寸         | 一        | $\dashv$ | $\dashv$  |          |          | ヿ        | П             |
| $\vdash$         | 14       | T  |  | -            | H                                   | Н               |              | $\vdash$     | М               |      |  | 64       | $\vdash$   | _              | $\dashv$ | $\forall$ | $\top$   | +       | $\top$  | $\top$                                  |        |       | 114      | $\Box$              | _         | $\dashv$ | 一        | 一         |          | _        | $\neg$   | $\neg$        |
|                  | 15       |  |  | $\vdash$     | $\vdash$                            | ┝─┤             |              | <u> </u>     | H               | -    | <del></del>                                      | 65       | H  | $\dashv$       | +        | $\dashv$  | $\top$   | +       | +       | +                                       | 1      |       | 115      | $\vdash$            | $\dashv$  | $\dashv$ | 一        | $\dashv$  |          | 1        | 一        | $\neg$        |
|                  | 16       | -  |  |              |                                     | Н               | -            | $\vdash$     | Н               | _    |  | 66       | $\vdash$   | $\dashv$       | +        | $\dashv$  | +        | +       | +       | +                                       |        |       | 116      |                     | $\dashv$  | $\dashv$ | $\dashv$ | $\dashv$  | $\neg$   | $\dashv$ | $\dashv$ | $\dashv$      |
|                  |          |  | $\vdash$   | -            | $\vdash$                            | Н               | <u> </u>     | <del> </del> | Н               |      | <del>                                     </del> | 67       | $\vdash$   | $\dashv$       | +        | +         | +        | +       | ╁       | +                                       |        |       | 117      |                     |           | +        | -+       | $\dashv$  |          | $\dashv$ | $\dashv$ | $\dashv$      |
| $\vdash$         | 17       | -  | $\vdash$   | <del> </del> | $\vdash$                            | $\vdash$        | -            | <del> </del> | H               |      | <u> </u>   | 68       | $\vdash$   | -+             | +        | +         | +        | +       | +       | +                                       |        |       | 118      | $\vdash$            | $\dashv$  |          | $\dashv$ |           |          | $\dashv$ | $\dashv$ | $\dashv$      |
|                  | 18       | <u> </u>   |  | _            |                                     | Ш               | _            | Ĺ            | Н               |      |  |          |  | -              | +        | -+        | +        |         | +-      |   |        |       | 110      | $\vdash$            |           | -        | -+       | $\dashv$  | -        | $\dashv$ | $\dashv$ | $\dashv$      |
|                  | 19       |  |  |              |                                     | ļi              |              | $\vdash$     |                 |      |  | 69       | <del>                                     </del> |                | 4        | 4         | $\perp$  |         | +       | +                                       |        |       | 119      | -                   |           | -        |          | $\dashv$  | _        | $\dashv$ | $\dashv$ | -             |
|                  | 20       | _  | _  | <u> </u>     |                                     |                 |              |              |                 |      |  | 70       | Ш  | _              | 4        | 4         | $\perp$  |         | ╄       | ┷                                       |        |       | 120      |                     | _         | _        | -        | _         |          | _        | $\dashv$ | ш             |
|                  | 21       | _  |  | L            |                                     | Ш               |              |              | L               |      |  | 71       | Ш  |                | $\perp$  |           | $\perp$  |         |         |   |        |       | 121      |                     | 4         | $\dashv$ | _        | _         | _        | _        | _        | ш             |
|                  | 22       |  |  | L            |                                     |                 |              |              |                 |      |  | 72       |  |                | $\perp$  |           |          |         | $\perp$ |   |        |       | 122      |                     | _         |          |          |           |          | _        | _        | الــن         |
|                  | 23       |  |  |              |                                     |                 |              |              |                 |      |  | 73       |  | L              | `        |           |          |         |         |   |        |       | 123      |                     |           |          |          |           |          |          |          | لــــا        |
|                  | 24       | Π  |  |              |                                     |                 |              |              |                 |      |  | 74       |  |                |          |           |          |         |         |   |        |       | 124      |                     |           |          |          |           |          |          |          | الــــا       |
|                  | 25       |  |  |              |                                     |                 |              |              |                 |      |  | 75       |  |                |          |           | T        |         | Τ       |   |        |       | 125      |                     |           |          |          |           |          |          |          |               |
|                  | 26       |  |  |              |                                     |                 |              |              |                 |      |  | 76       |  |                |          |           | T        |         | T       |   |        |       | 126      |                     | $\neg$    |          |          | П         |          | $\neg$   | $\neg$   | П             |
|                  | 27       |  |  |              | Г                                   |                 |              |              |                 | _    |  | 77       |  | $\neg$         | $\top$   |           |          |         | T       |   |        |       | 127      |                     | 一         |          |          | ヿ         |          |          |          | $\Box$        |
|                  | 28       | Г  | <del>  -  </del>                                 |              |                                     |                 | _            |              | П               |      |  | 78       | H  | _              | $\dashv$ | _         | _        |         | +-      | 1                                       |        |       | 128      |                     |           |          | T        | $\dashv$  |          | _        | $\neg$   | $\Box$        |
|                  | 29       |  | -  |              |                                     | Н               |              | _            |                 | _    |  | 79       | 1  |                | _        | 7         | $\top$   |         | +       | +-                                      | 1      |       | 129      | $\Box$              | $\neg$    | $\top$   | _        | ヿ         |          | $\neg$   | ┪        | П             |
|                  | 30       | -  | <del>                                     </del> |              | $\vdash$                            | H               |              |              |                 |      | <b></b>  | 80       | 1  | $\neg \dagger$ | +        | _         | $\dashv$ |         | +       | +-                                      |        |       | 130      |                     | -         | 十        | 十        | 寸         |          | $\dashv$ | $\neg$   | П             |
| 1                | 31       | =  | -  |              | $\vdash$                            | -               |              | _            | Н               |      |  | 81       | Н  | $\dashv$       | +        | +         | +        | +-      | +       | +-                                      | •      |       | 131      | H                   | 寸         | $\dashv$ | -+       | $\dashv$  | -        | $\dashv$ | -        | Н             |
| $\vdash$         |          | F  |  | $\vdash$     | $\vdash$                            | Н               | $\vdash$     |              |                 |      |  | 82       | $\vdash \vdash$                                  | $\dashv$       | +        | +         | $\dashv$ | +       | +-      | +                                       |        |       | 132      | $\vdash$            | $\dashv$  | +        | $\dashv$ | $\dashv$  | -        |          | $\dashv$ | $\dashv$      |
| <del>  ,  </del> | 32       |  | <del> </del>                                     | $\vdash$     | $\vdash$                            | Н               |              | $\vdash$     | $\vdash$        |      | <u> </u>   | 83       |  |                | -+       | -+        | $\dashv$ | +       | +       | +                                       |        |       | 133      | $\vdash$            | $\dashv$  | $\dashv$ | $\dashv$ | $\dashv$  | -        | $\dashv$ | -        | $\dashv$      |
| <u> </u>         | 33       | <u> </u>   | $\vdash$   |              |                                     |                 |              |              | Н               |      | <b> </b>   |          | $\vdash \vdash$                                  | $\dashv$       | +        | +         | +        | +       | +       | +                                       |        |       | 133      | $\vdash \vdash$     | $\dashv$  | $\dashv$ | $\dashv$ | $\dashv$  | $\dashv$ | $\dashv$ | $\dashv$ | H             |
| <u> </u>         | 34       | -  | <del> </del>                                     | $\vdash$     | $\vdash$                            | $\vdash \vdash$ | $\vdash$     | <u> </u>     | $\vdash \vdash$ |      | <u> </u>   | 84       | $\vdash$   | +              | +        | -         | -        | -       | +       |   |        |       | 134      | $\vdash$            |           | $\dashv$ | $\dashv$ | -         |          | $\dashv$ | $\dashv$ | $\dashv$      |
|                  | 35       | <u> </u>   | <b>—</b>   | $\vdash$     | $\vdash$                            | $\vdash \vdash$ | $\vdash$     |              | Ш               |      | <u> </u>   | 85       | $\vdash$   | -              |          | -         |          | +       | +-      | +                                       |        |       | 135      | $\vdash$            | $\dashv$  | +        | $\dashv$ | $\dashv$  | _        | $\dashv$ | 4        | $\vdash$      |
|                  | 36       | L_   | $\vdash$   |              | <u> </u>                            | _               | _            | L            | ,               |      |  | 86       | $\sqcup$   | _              | $\perp$  | _         | $\perp$  | _       | $\perp$ | $\bot$                                  |        |       | 136      | $\vdash \vdash$     | $\dashv$  | $\dashv$ | _        | $\dashv$  |          | _        | $\dashv$ | Ш             |
|                  | 37       |  | L  | <u> </u>     | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | Ш               | $oxed{oxed}$ | Ш            | Ш               |      |  | 87       | Ш  | _              | $\perp$  | _         | $\perp$  | $\perp$ | 4       | $\bot$                                  |        |       | 137      |                     | _         | _        |          | _         | _        |          |          |               |
|                  | 38       |  |  | L            | L_                                  | Ш               |              | L            | Ш               |      |  | 88       |  | $\perp$        | $\perp$  | $\perp$   |          | $\perp$ | $\perp$ | <u> </u>                                |        |       | 138      | Ш                   |           | $\perp$  |          | $\dashv$  |          |          |          | Ш             |
|                  | 39       |  |  |              |                                     |                 |              |              | $\Box$          |      |  | 89       |  |                |          | $\Box$    | $\perp$  |         | $\perp$ |   |        |       | 139      |                     |           |          |          |           |          |          |          | لـــا         |
|                  | 40       |  |  |              |                                     | $  \neg  $      |              |              |                 |      |  | 90       |  | $_{T}$         |          |           | T        |         |         |   | iuca.  |       | 140      | LŢ                  | _T        | T        | _T       | T         |          | T        | _7       | ା             |
|                  | 41       |  |  |              |                                     | П               |              |              | П               |      |  | 91       | П  | $\neg$         | $\top$   | 7         | $\top$   |         | Т       | T                                       |        |       | 141      |                     | $\exists$ | T        | 丁        | $\exists$ |          |          |          |               |
|                  | 42       |  |  |              | Ι                                   | П               |              |              | П               |      |  | 92       | П  | 寸              | 7        | 丁         | 7        | T       | $\top$  | 1                                       | 1      |       | 142      | $\Box$              | $\dashv$  | $\dashv$ |          | $\neg$    |          | $\neg$   | $\neg$   | $\neg$        |
|                  | 43       |  |  |              |                                     | П               |              | H            | $\vdash$        |      |  | 93       | $\Box$   | $\dashv$       | _        | $\top$    | $\top$   | 1       | $\top$  | +-                                      | 1      |       | 143      |                     | _         | $\dashv$ | 寸        | $\dashv$  |          | $\dashv$ | $\dashv$ | $\dashv$      |
| <b></b>          | 44       | Н  |  | $\vdash$     | Н                                   | Н               | _            | _            | Н               | _    | <b>-</b>   | 94       | $\vdash$   | $\dashv$       | -+       | +         | $\top$   |         | +       | +                                       |        |       | 144      |                     | $\dashv$  | $\dashv$ | 寸        | $\dashv$  |          | 十        | $\dashv$ | $\dashv$      |
| <b>—</b>         | 45       | <del>                                     </del> |  |              |                                     | H               | H            |              | $\vdash$        | -    |  | 95       | H  | $\dashv$       | +        | $\dashv$  | +        | +       | +       | +                                       |        |       | 145      | $\vdash$            | $\dashv$  | $\dashv$ | $\dashv$ | $\dashv$  |          | -        | $\dashv$ | $\dashv$      |
| $\vdash$         | 46       | ŀ  | -  | -            |                                     | H               | $\vdash$     | H            | H               |      |  | 96       | H  | $\dashv$       | +        | +         | +        | +       | ╁       | +-                                      |        |       | 146      | $\vdash$            | $\dashv$  | -        | $\dashv$ | $\dashv$  |          | $\dashv$ | -        | -             |
|                  | 47       | -  | -  | -            | -                                   | $\vdash \vdash$ | $\vdash$     | $\vdash$     | -1              | -    |  | 97       | $\vdash \vdash$                                  | $\dashv$       | +        | +         | +        |         | +       | +-                                      |        |       | 147      | $\vdash$            | -+        | $\dashv$ | $\dashv$ | $\dashv$  |          | $\dashv$ | -        | -             |
|                  |          | <u> </u>   | -  | -            |                                     | $\vdash\vdash$  | $\vdash$     | Н            | Н               |      | <u> </u>   |          | $\vdash \vdash$                                  | $\dashv$       | +        | +         | +        | +       | +       | +-                                      |        |       | 147      | $\vdash$            | $\dashv$  | $\dashv$ | -+       | -         |          | $\dashv$ | $\dashv$ | $\vdash$      |
| $\vdash$         | 48       | -  | $\vdash$   |              |                                     | Н               | $\vdash$     | H            | $\vdash \vdash$ |      | <u> </u>   | 98       | $\vdash$   | $\dashv$       | +        | +         | +        | +       | +-      | +                                       |        |       | 148      | $\vdash$            | $\dashv$  | $\dashv$ | $\dashv$ | -         | _        | $\dashv$ | $\dashv$ | $\dashv$      |
|                  | 49       | <b>├</b>   |  | _            |                                     |                 |              | _            | $\vdash$        |      |  | 99       | $\sqcup$   | -              | 4        | +         | -        | $\perp$ | +       |   |        |       | 149      | $\vdash \downarrow$ | -         |          |          | _         |          |          | _        | $\vdash$      |
|                  | 50       | L  |  |              | L                                   | Ш               | L            | L            | Ш               |      |  | 100      |  |                | i_       |           |          |         | 丄       | نــــــــــــــــــــــــــــــــــــــ |        |       | 150      |                     | $\Box$    |          |          |           |          |          |          | الــــا       |